

FIGURE 1a

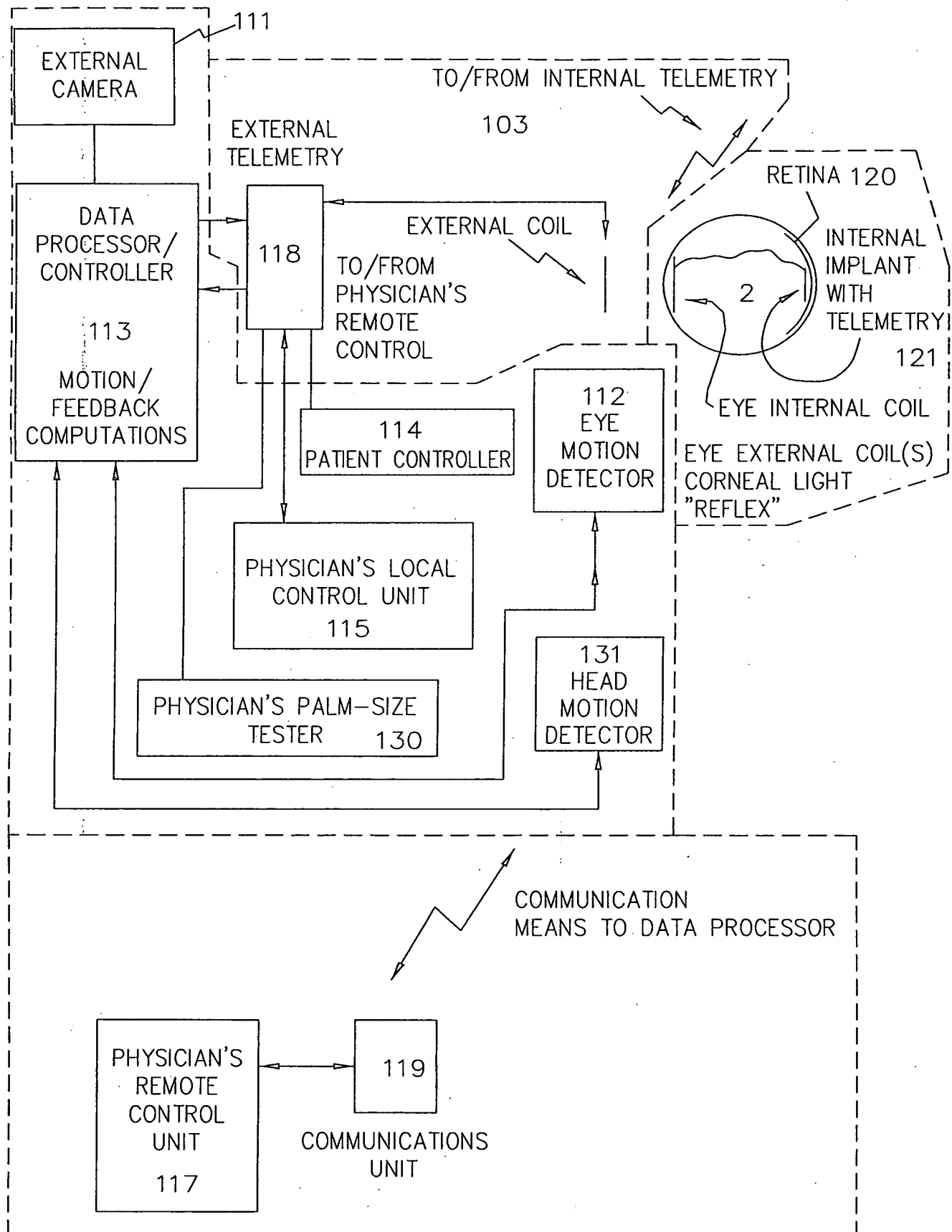


FIGURE 1b

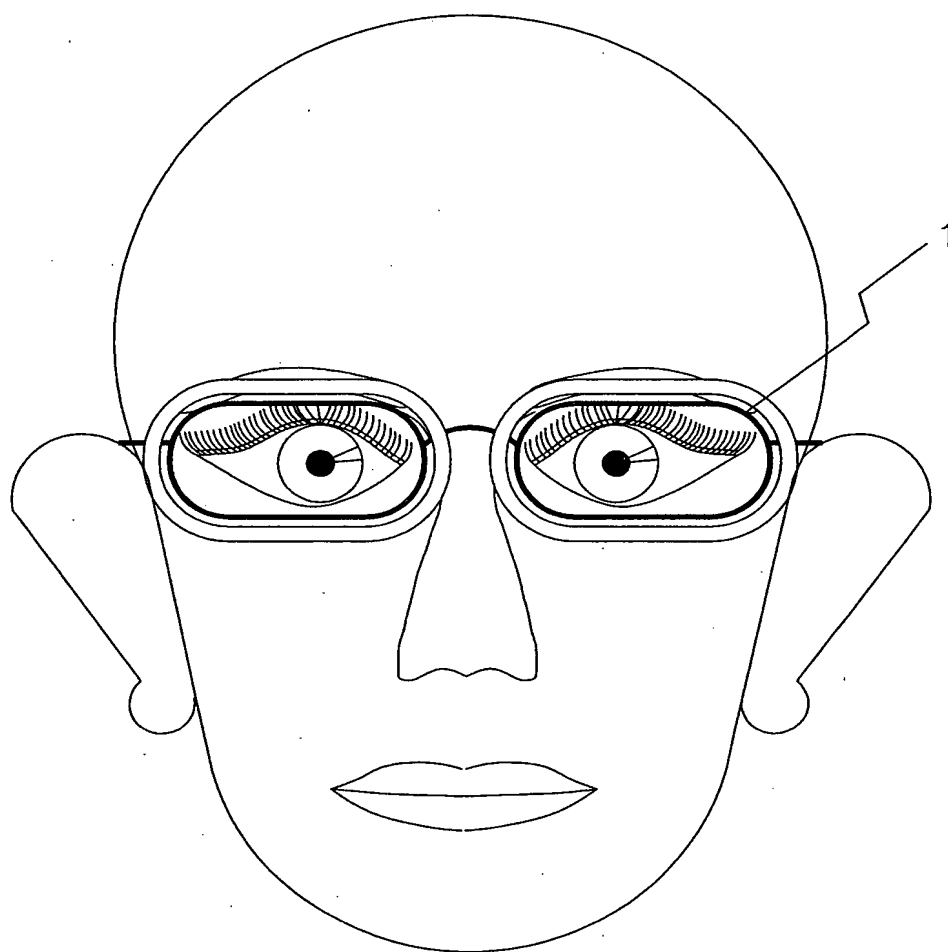


FIGURE 1c

FIG. 1d is a side view of the device 100 mounted on a user's head. The device 100 includes a headband 110, a sensor 120, and a display 130. The sensor 120 is positioned to detect the user's head position and orientation. The display 130 is positioned to provide visual feedback to the user. The device 100 is designed to be worn on the head and to provide real-time feedback to the user.

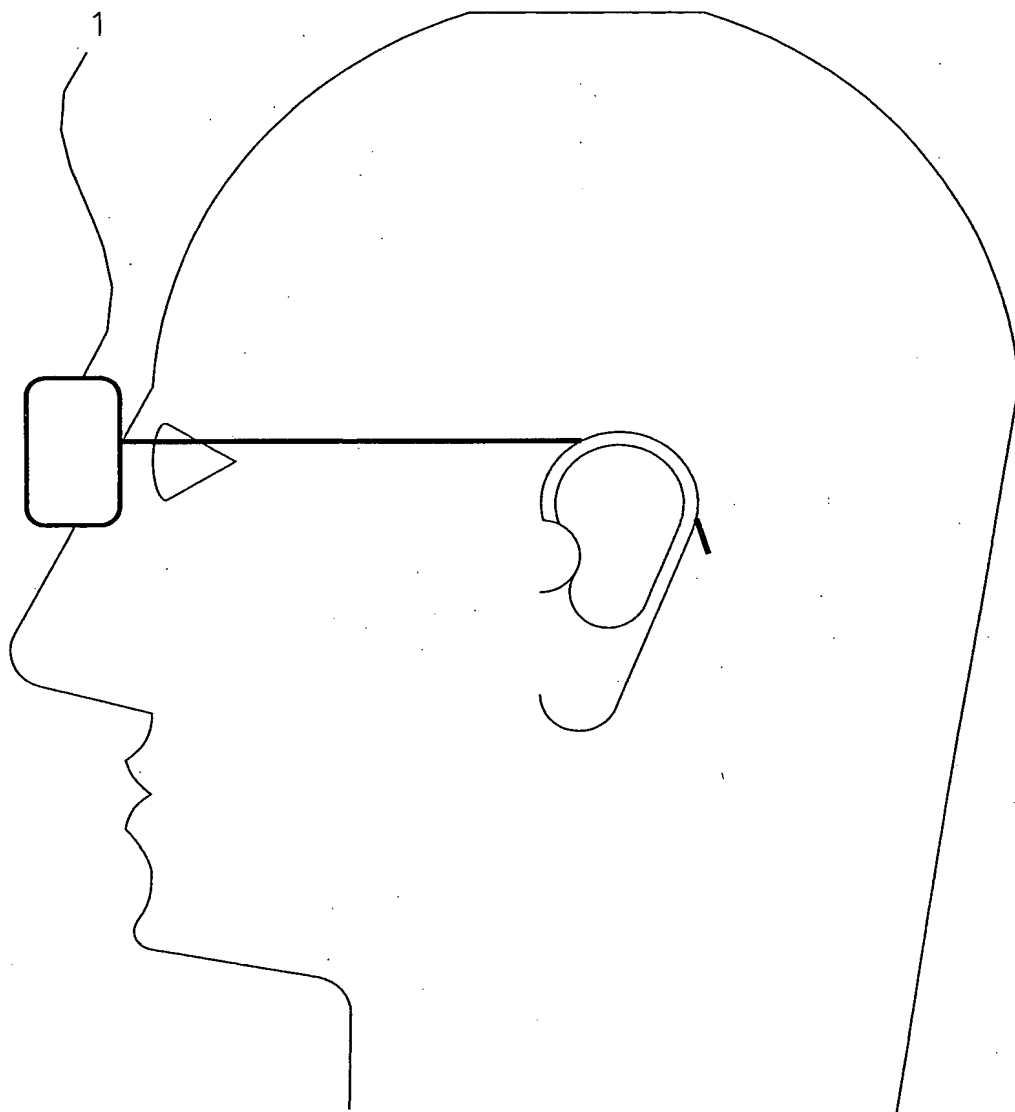


FIGURE 1d

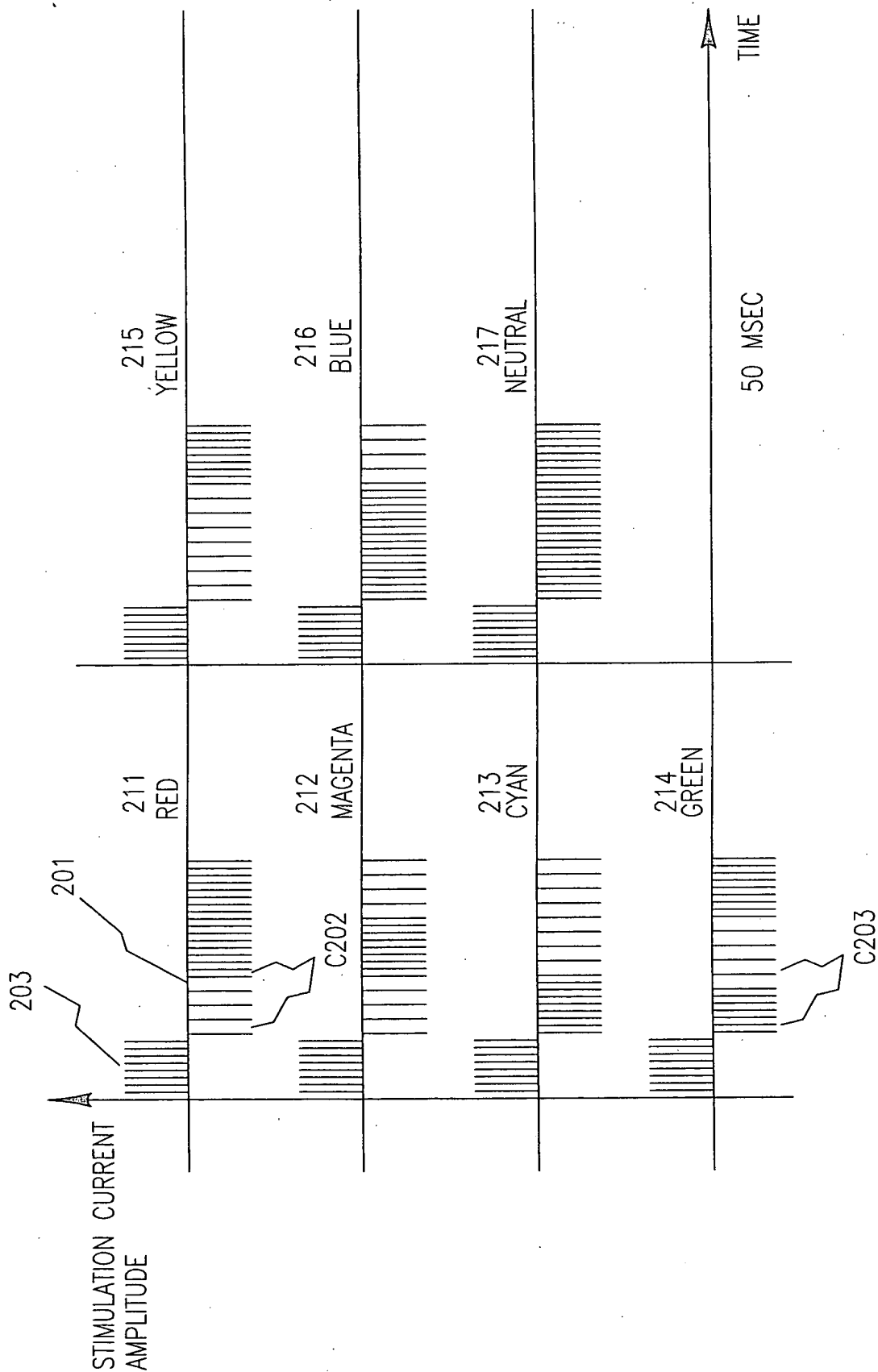


FIGURE 2a
COLOR CODING

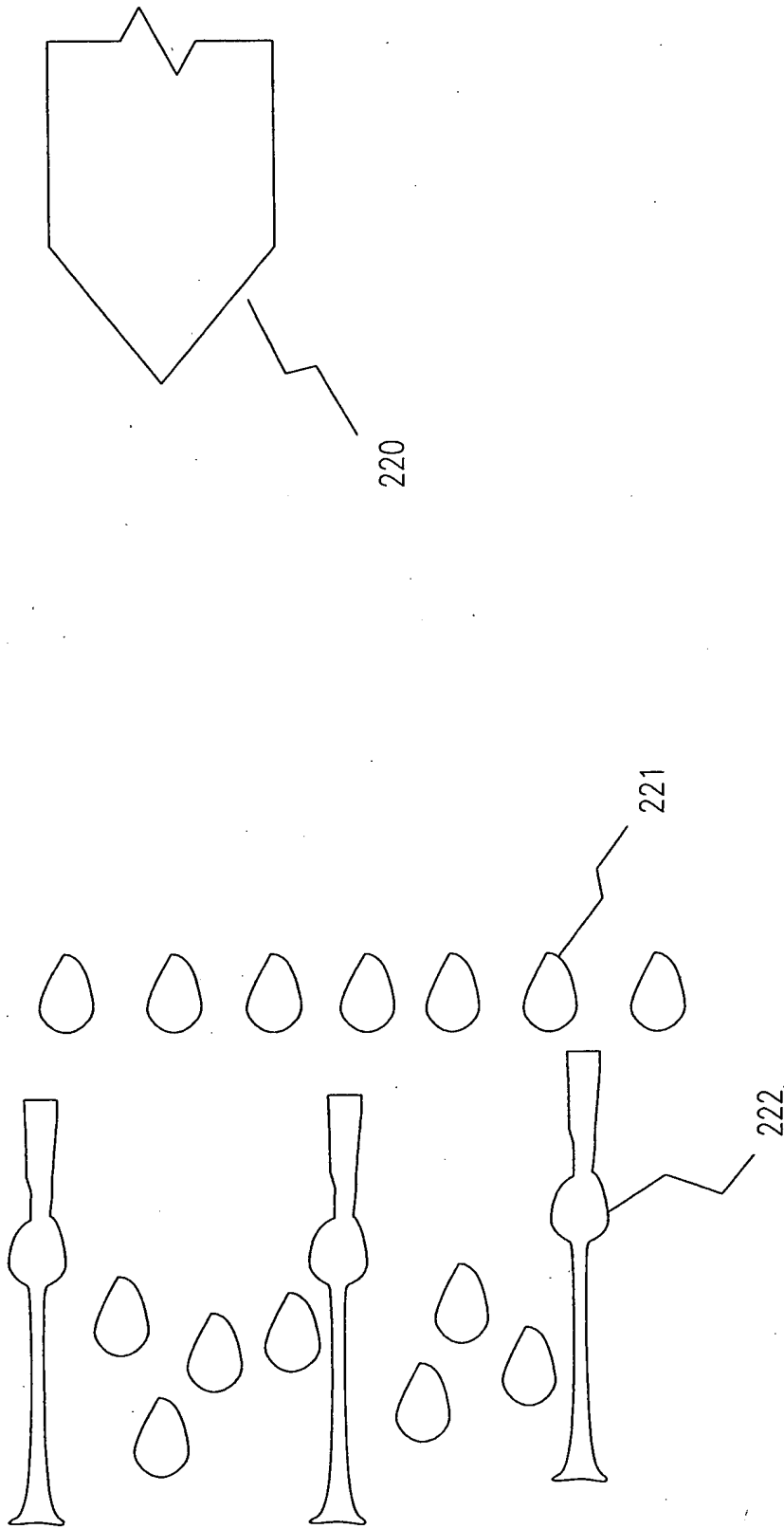


FIGURE 2b

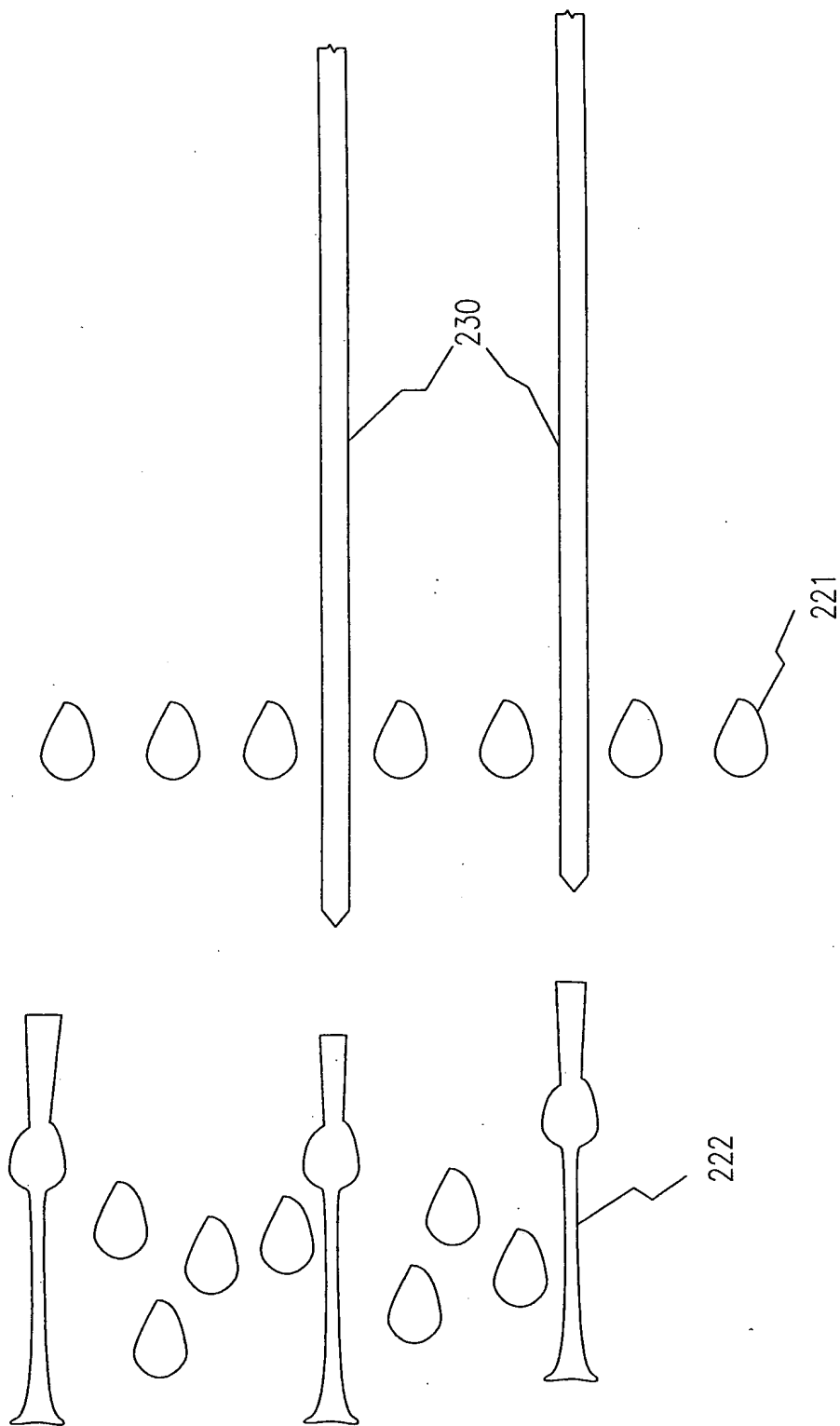
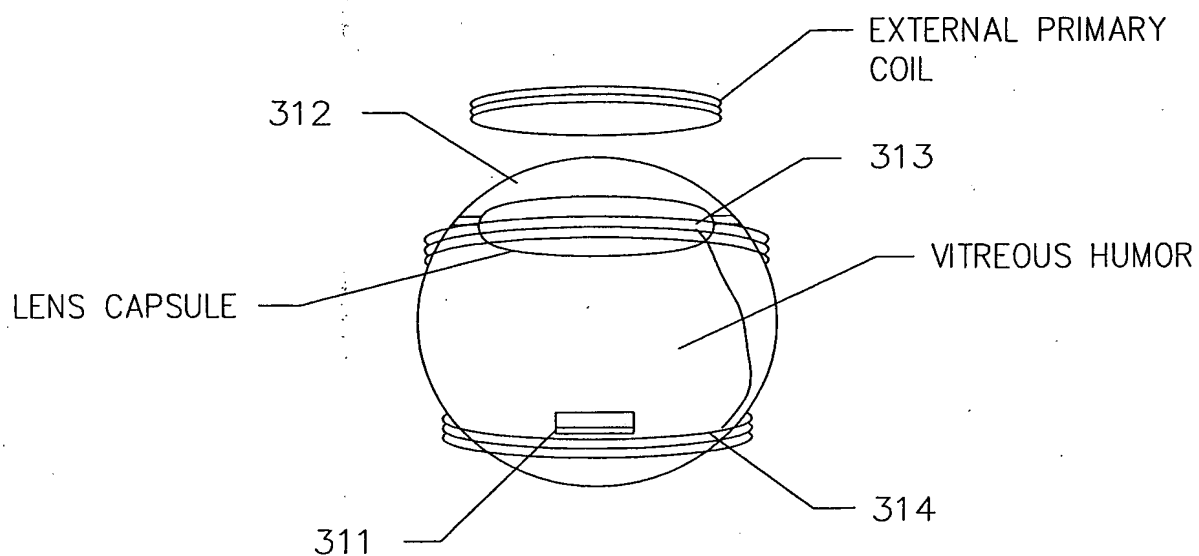


FIGURE 2c



EXTERNAL/INTERNAL TELEMETRY UNIT -
EXTERNAL COIL/INTERNAL COIL /INTERNAL CHIP

FIGURE 3a

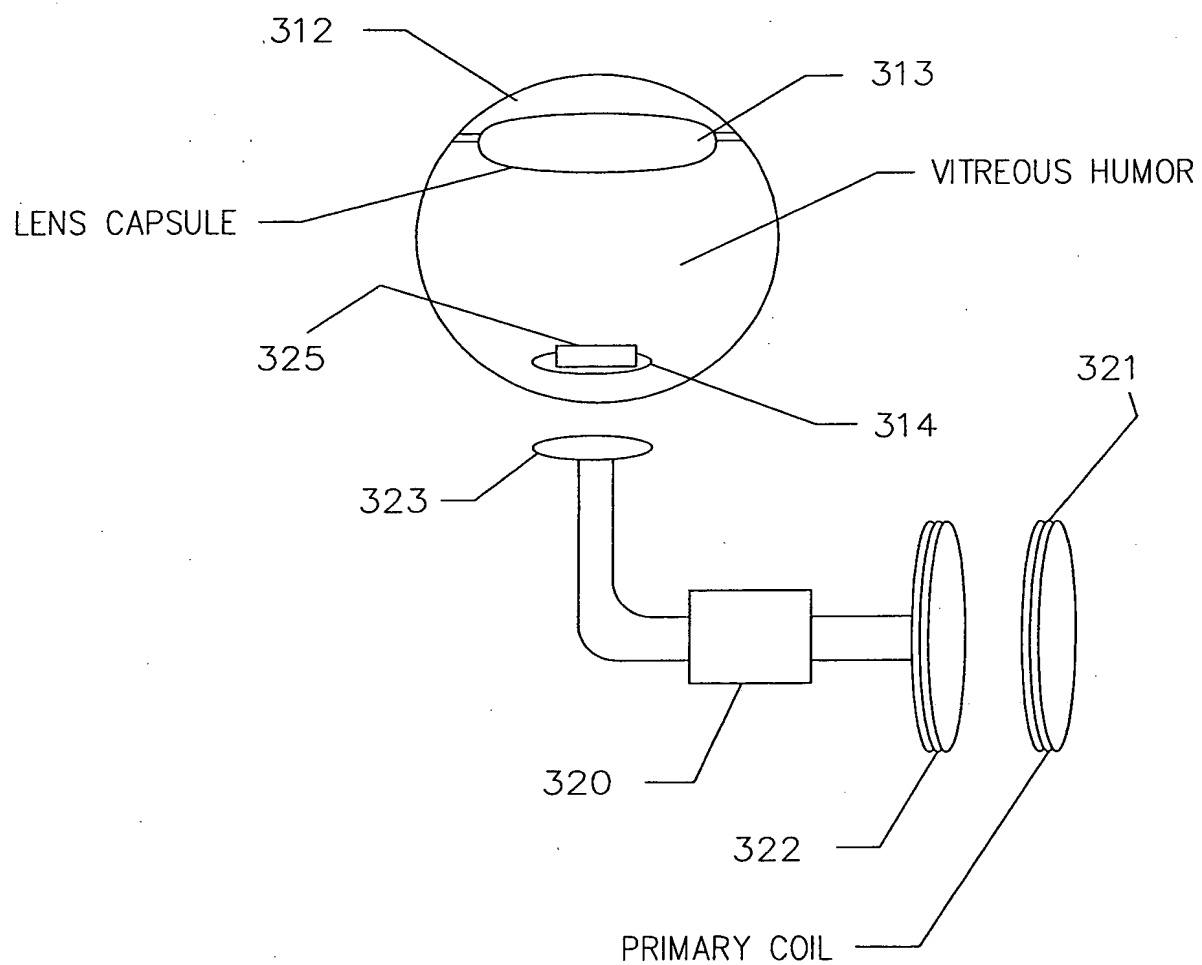


FIGURE 3b

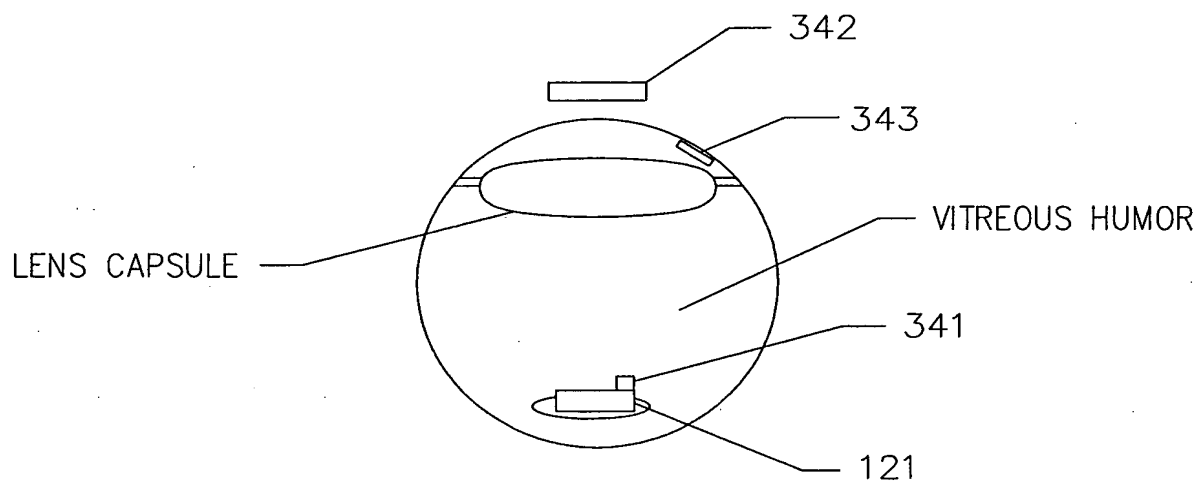


FIGURE 3c

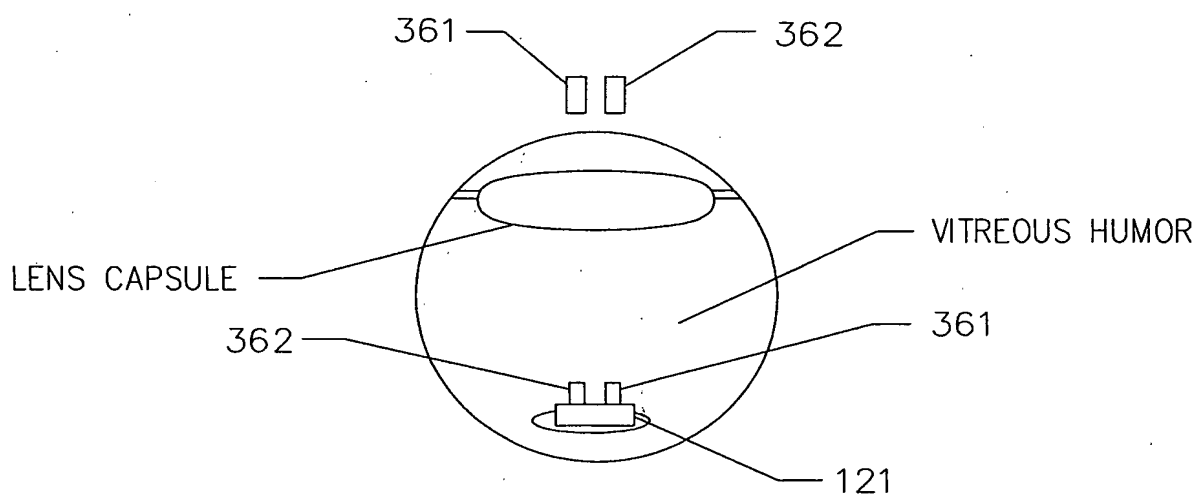
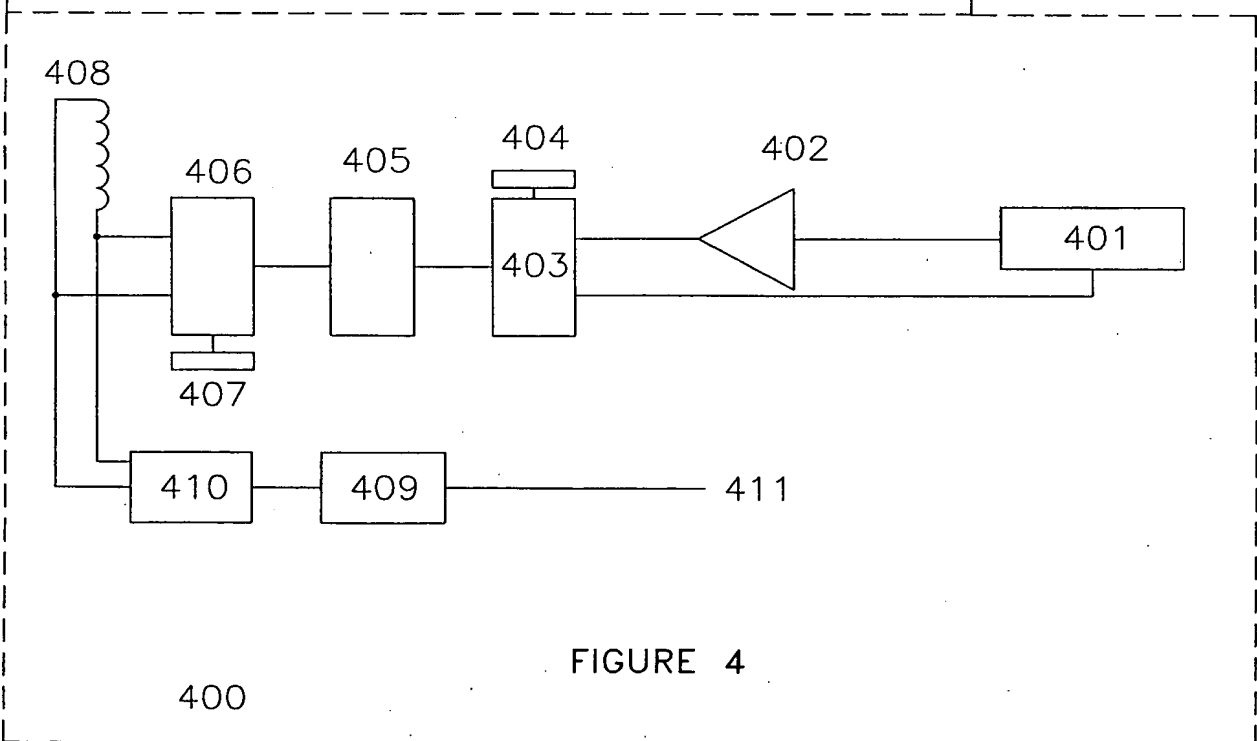
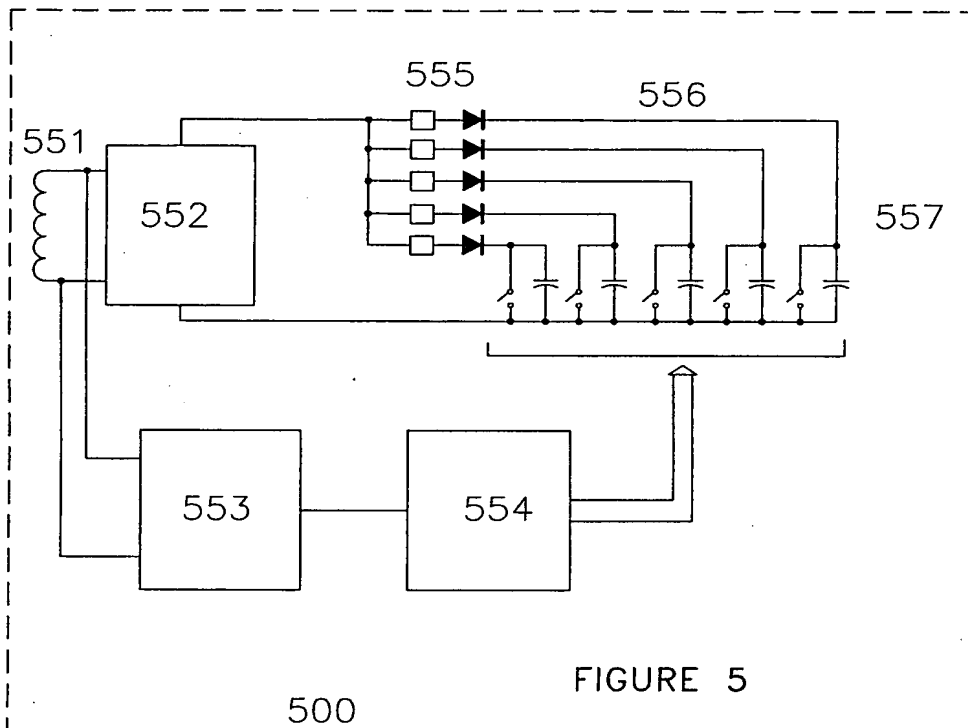
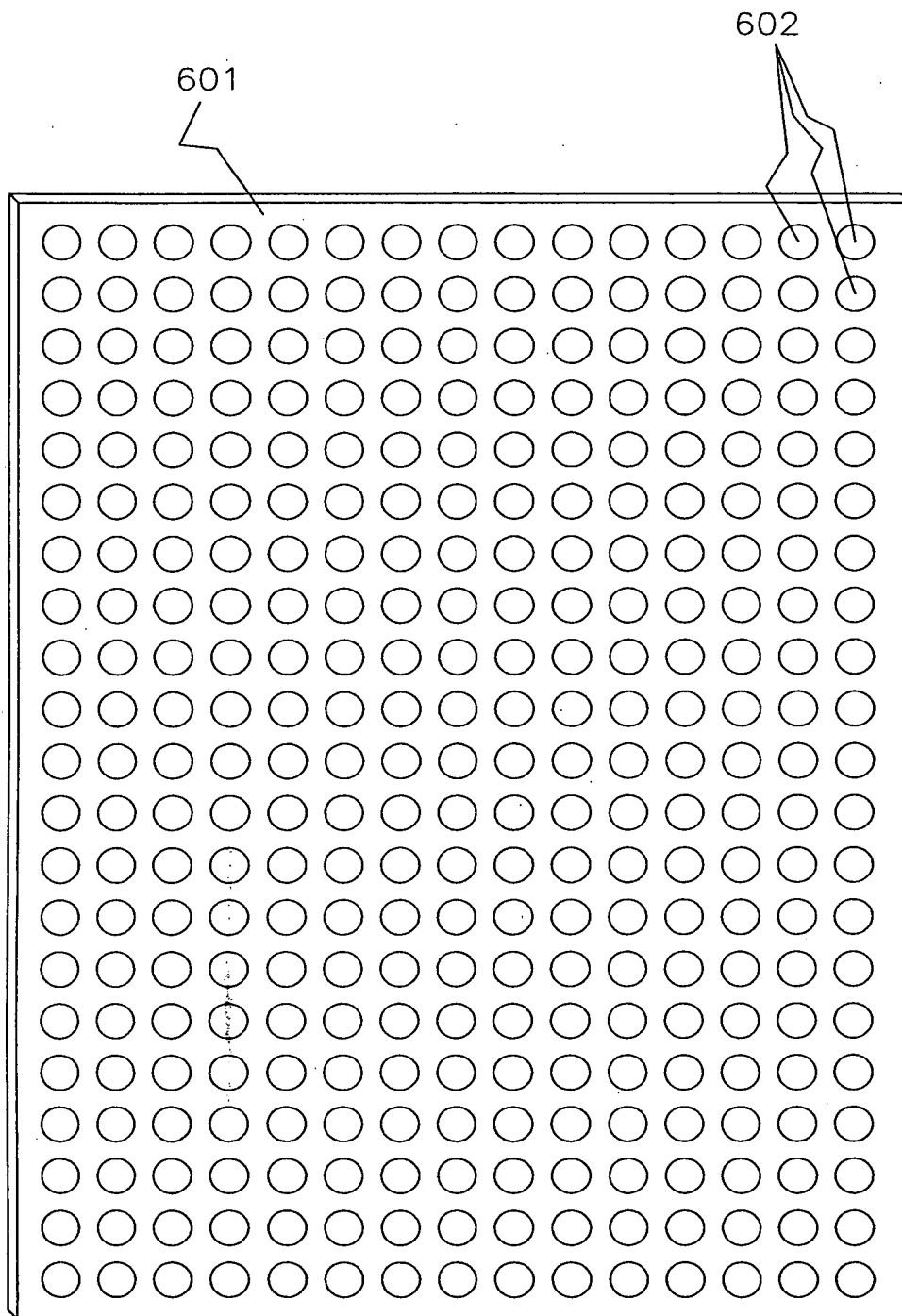


FIGURE 3d





ELECTRODES ON SUBSTRATE

FIGURE 6a

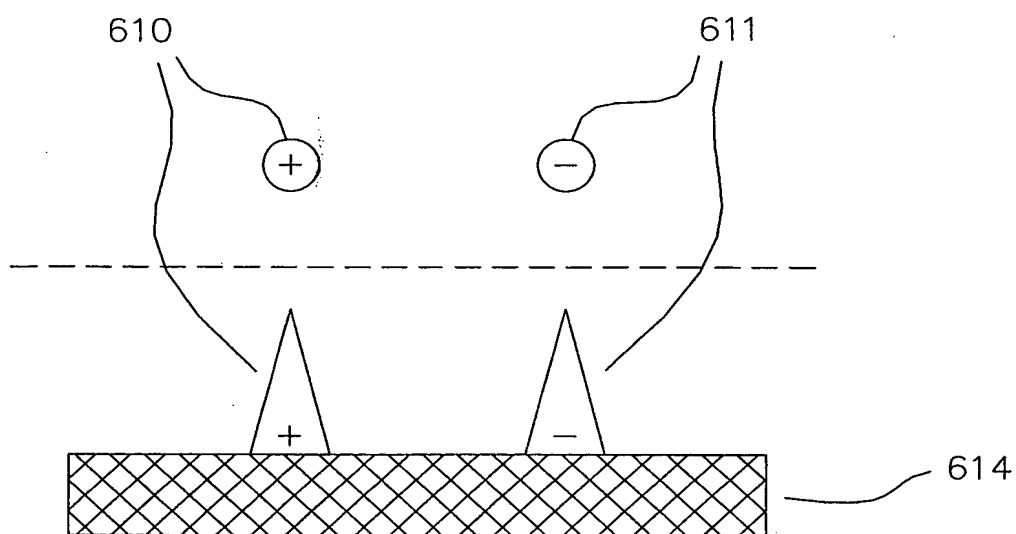


FIGURE 6b

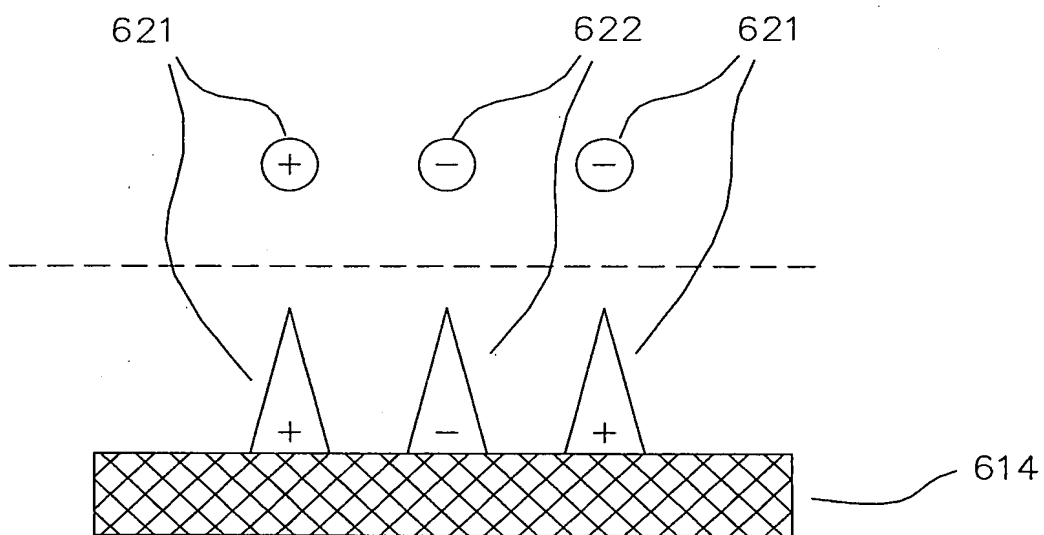
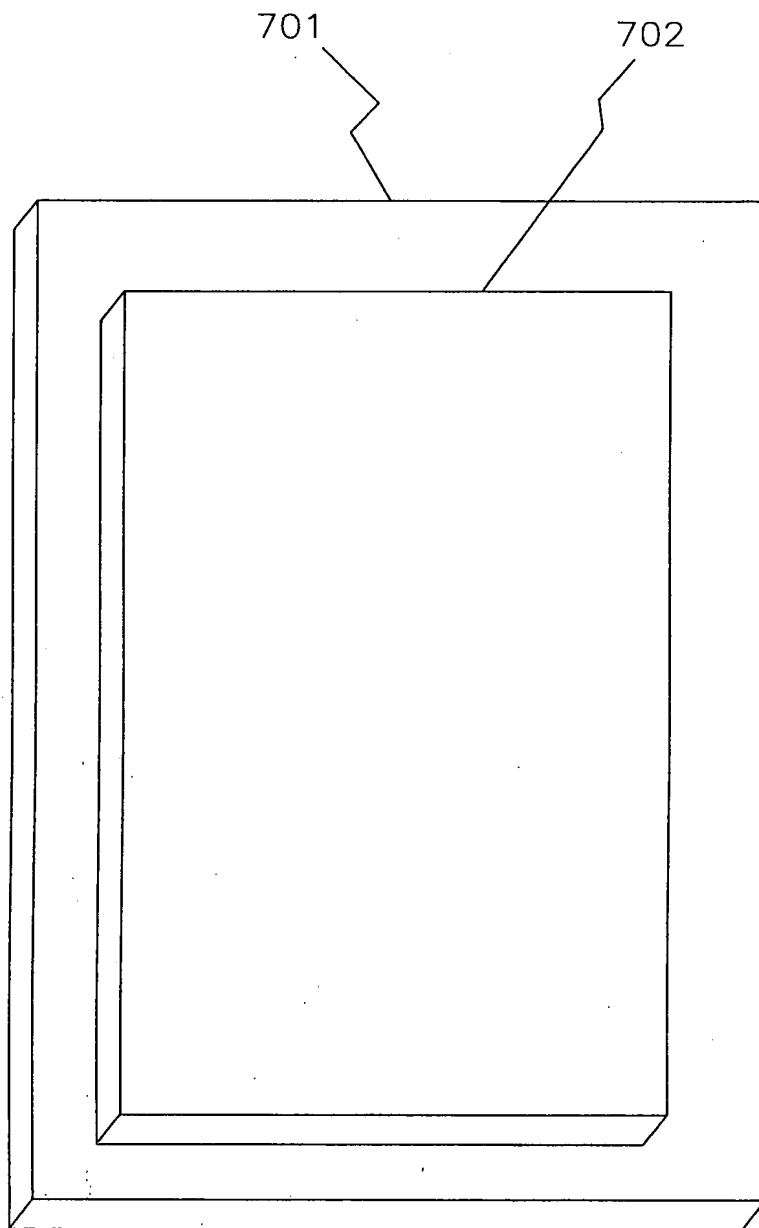
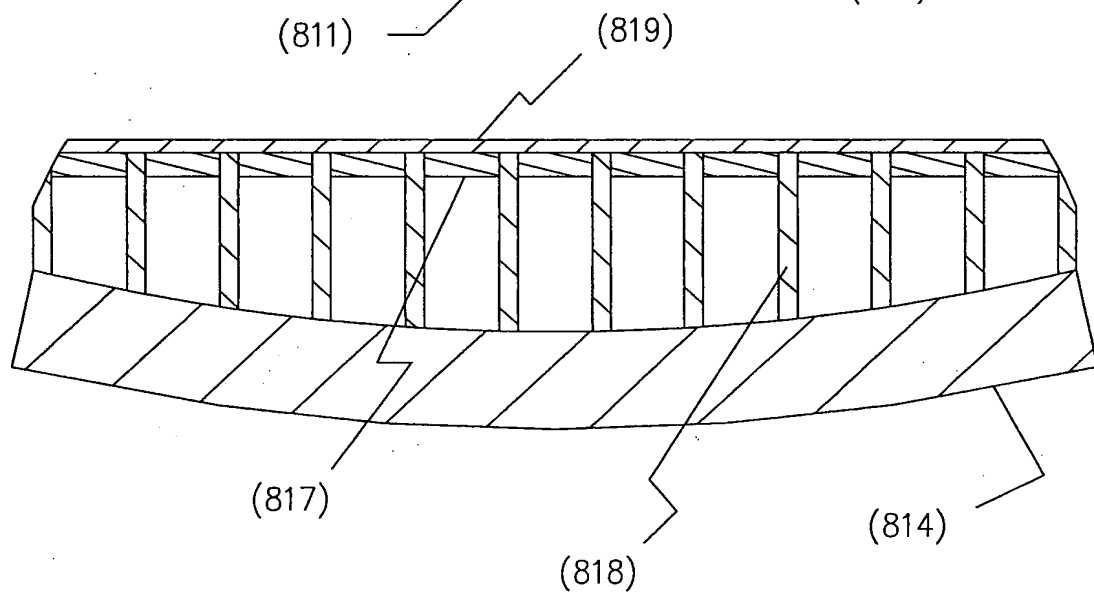
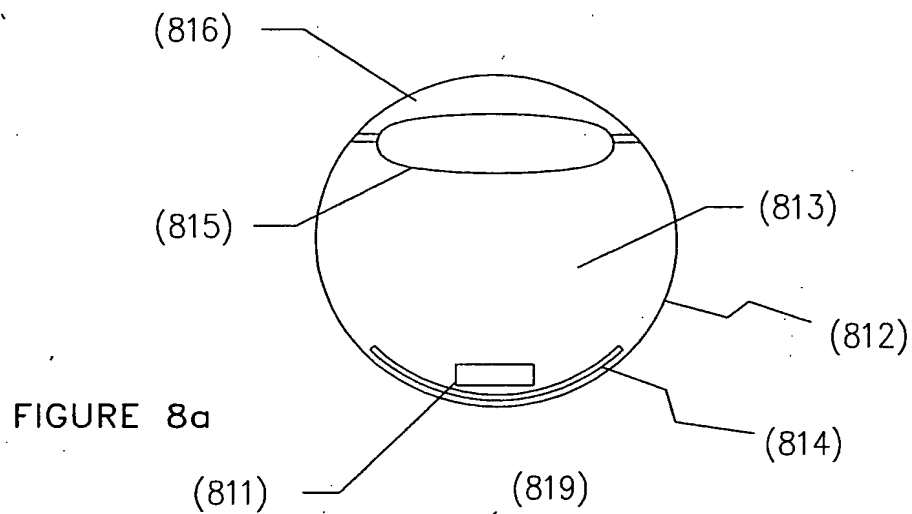


FIGURE 6c

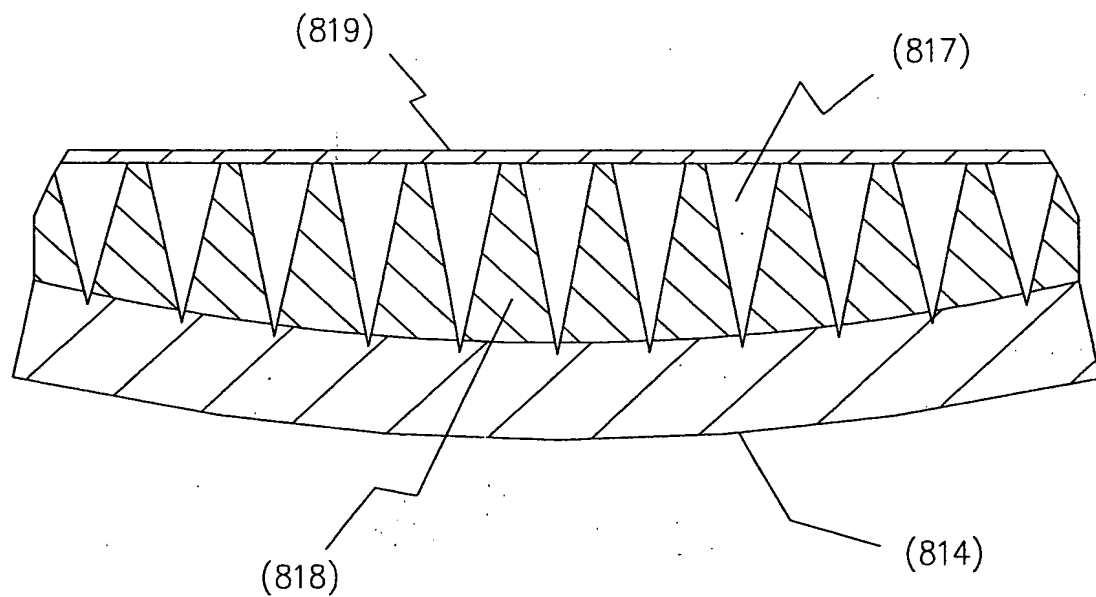


INDIFFERENT ELECTRODE OF MONOPOLAR ELECTRODES

FIGURE 7



EPIRETINAL ELECTRODES - RECESSED



EPIRETINAL ELECTRODES - PENETRATING

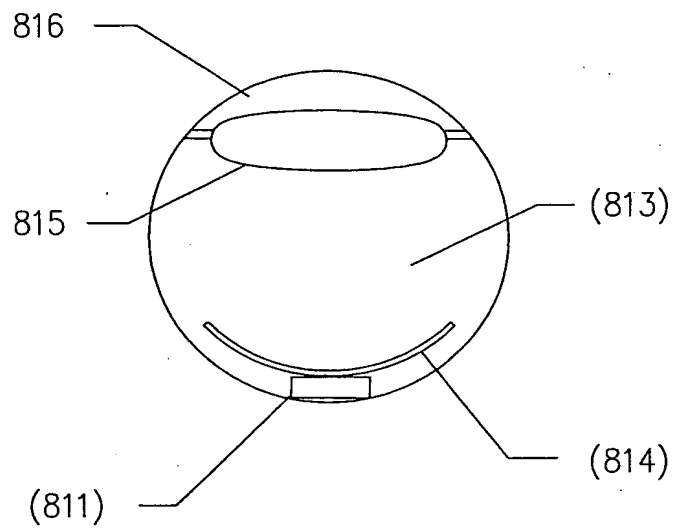


FIGURE 9a

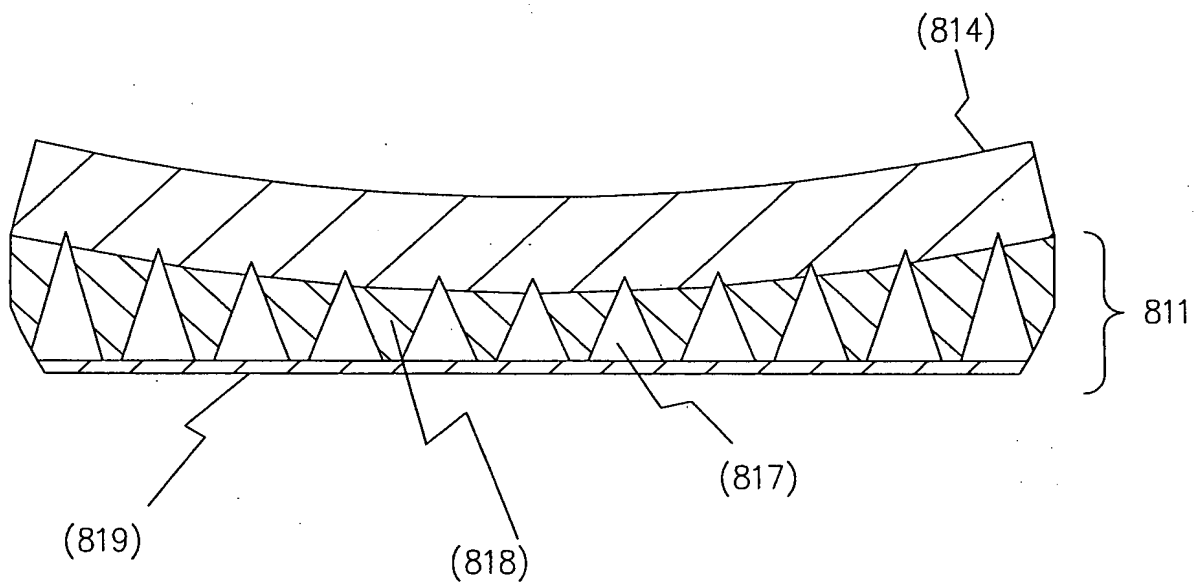


FIGURE 9b
SUBRETINAL ELECTRODES - PENETRATING

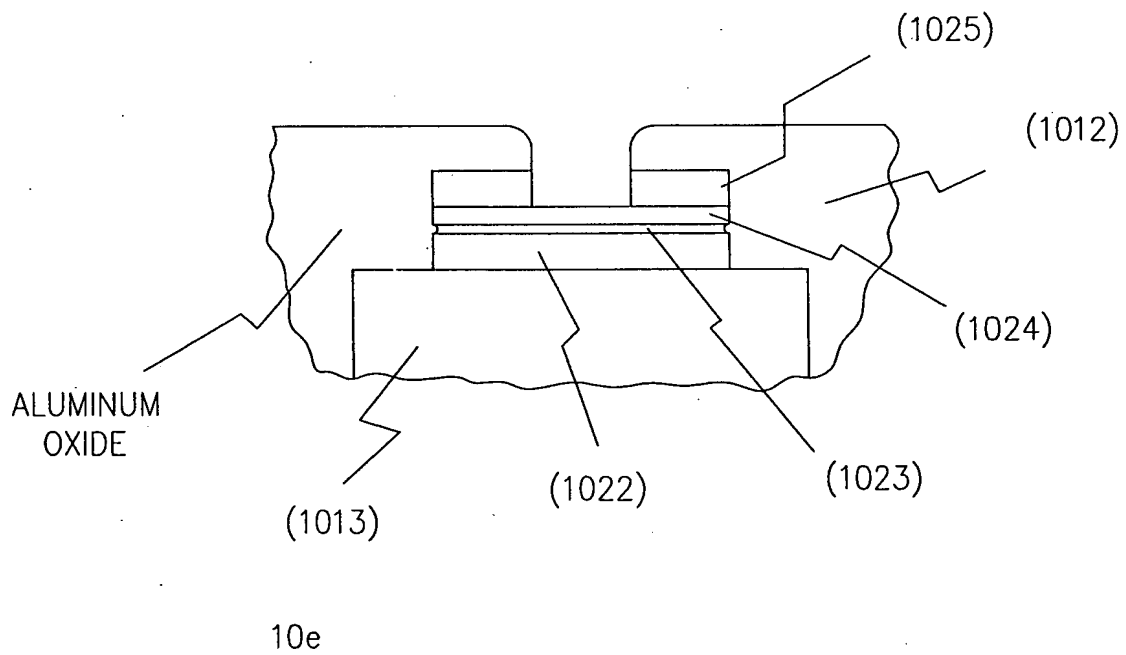
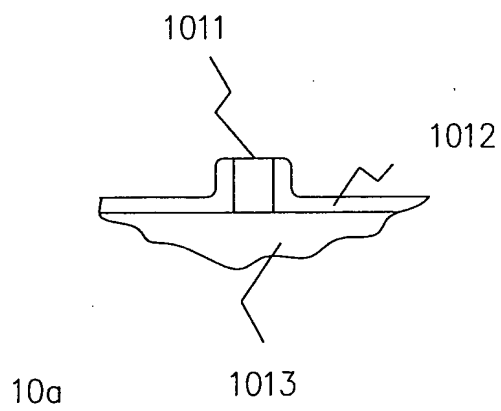
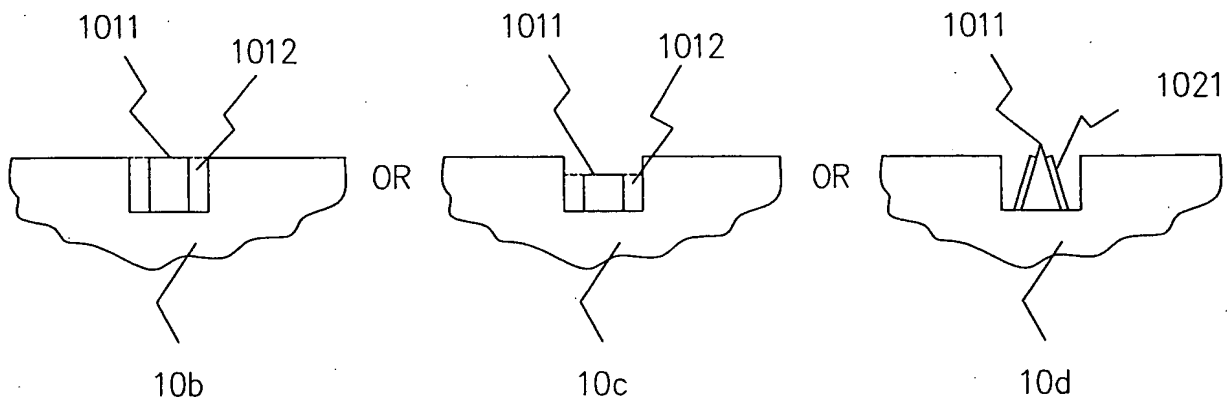


FIGURE 10

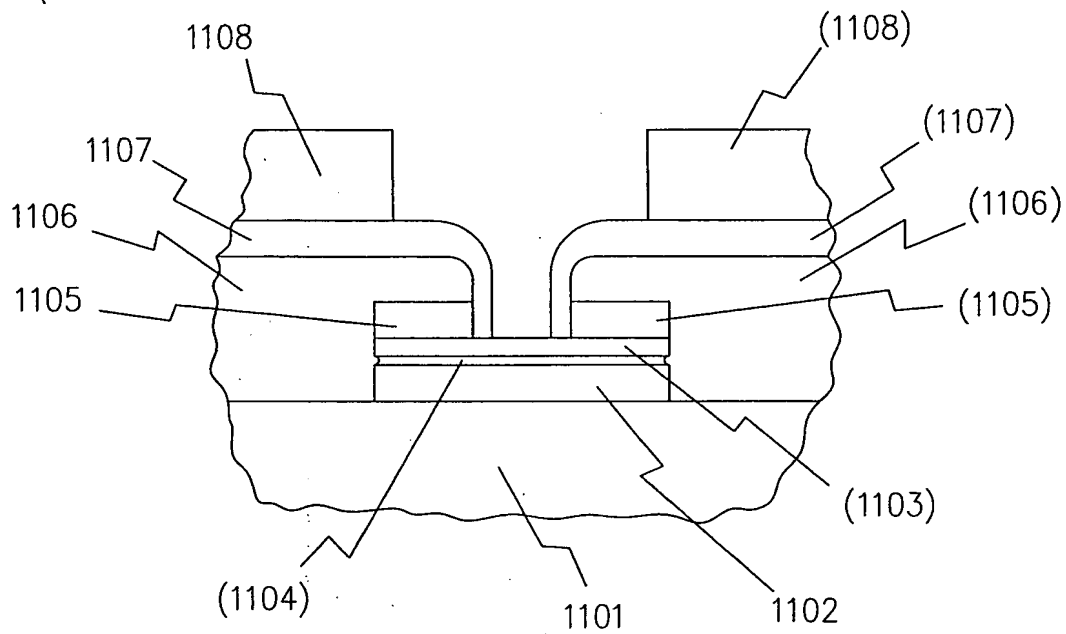


FIGURE 11a
ELECTRODES

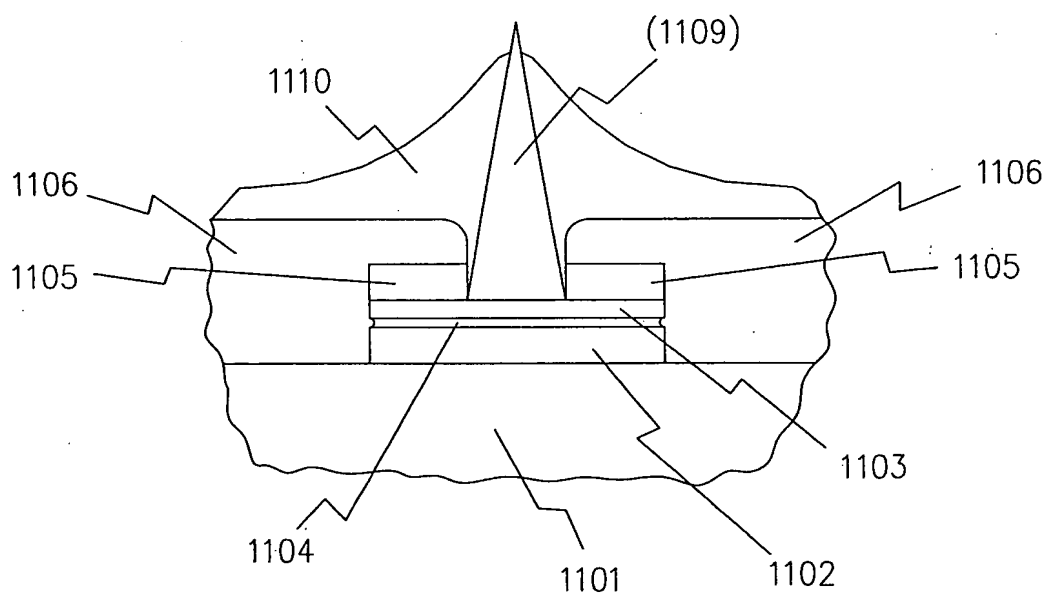


FIGURE 11b
ELECTRODES

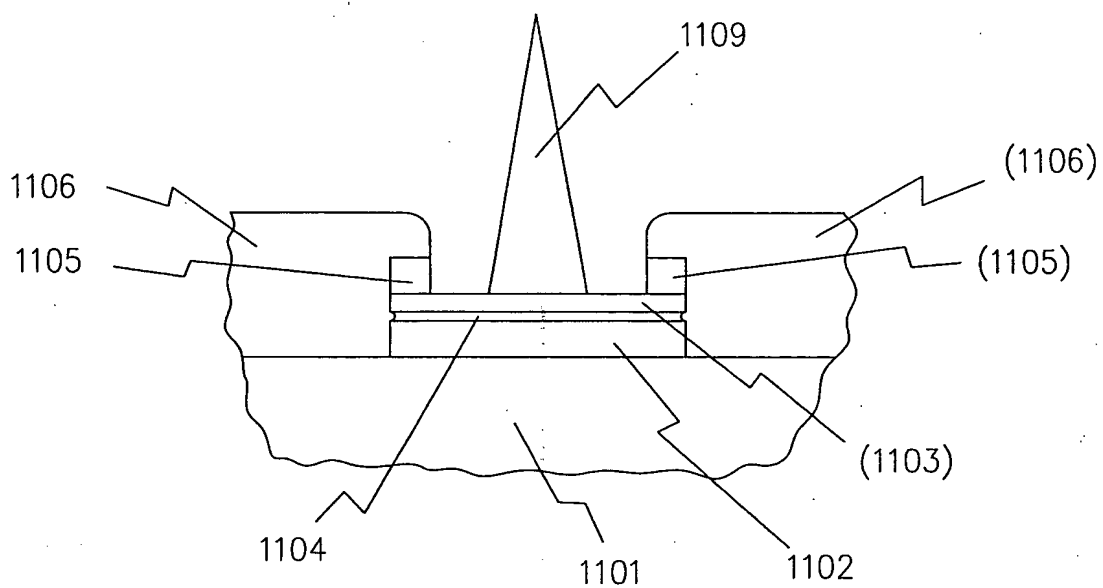


FIGURE 11c

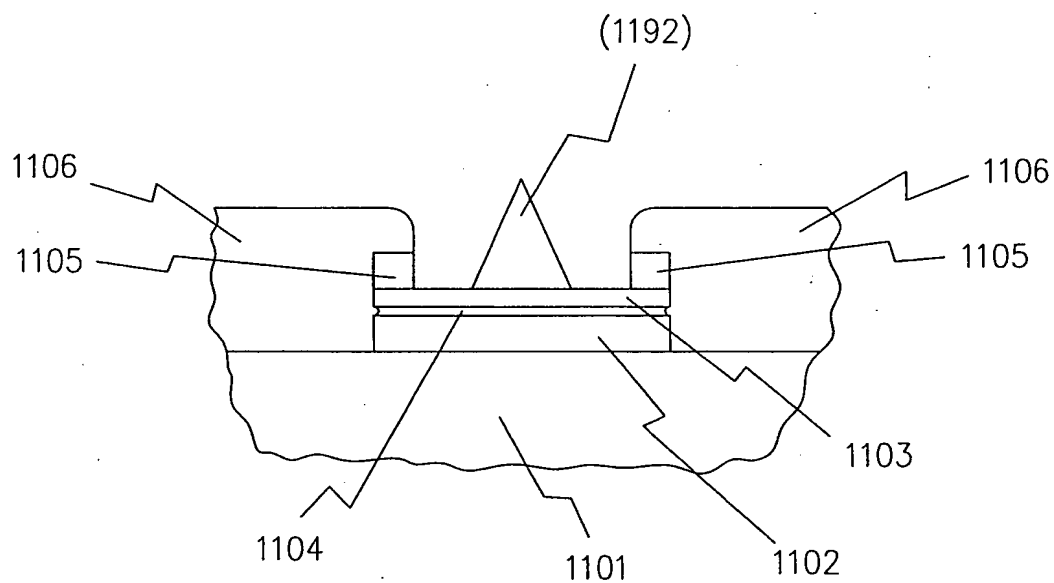


FIGURE 11d

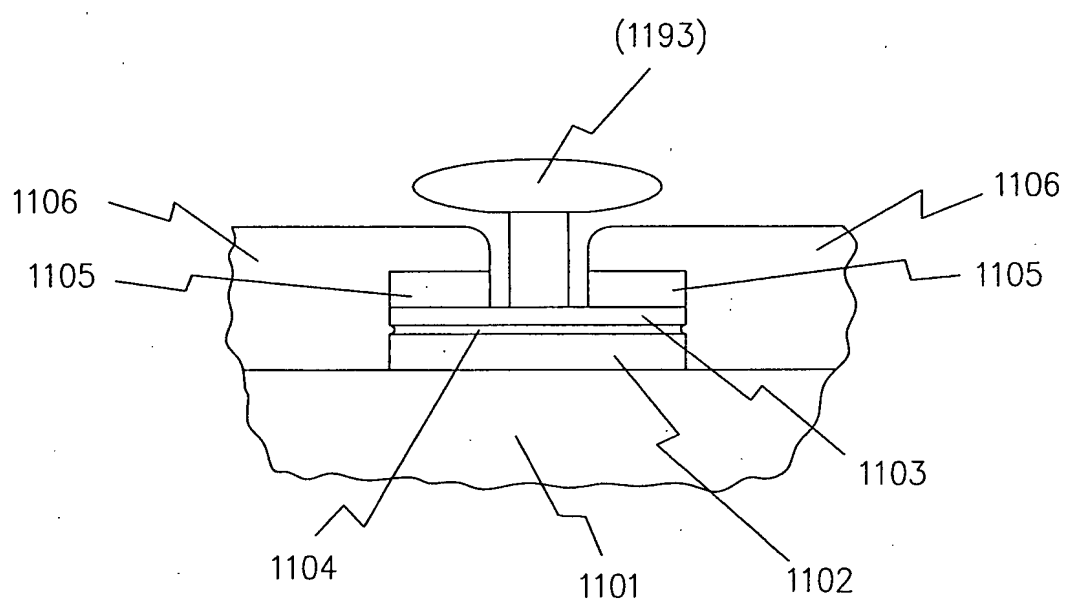


FIGURE 11e

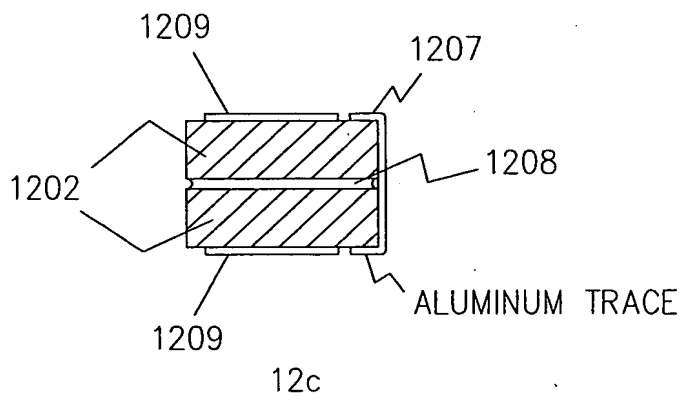
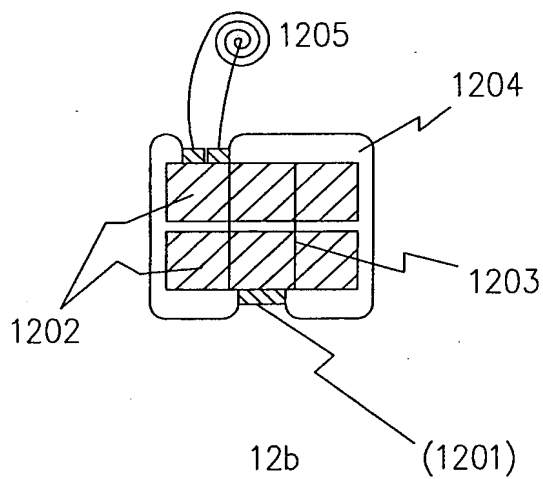
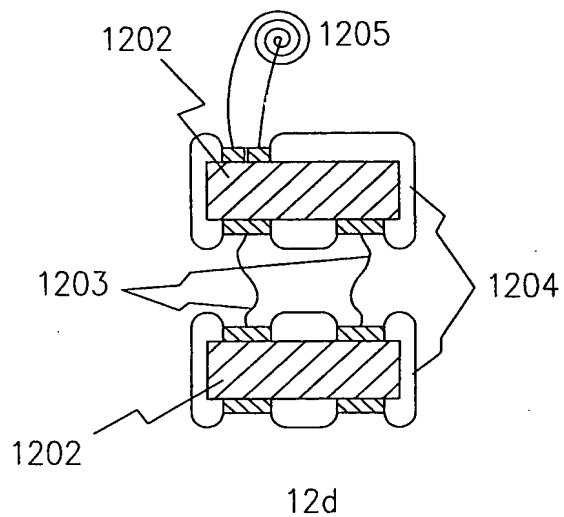
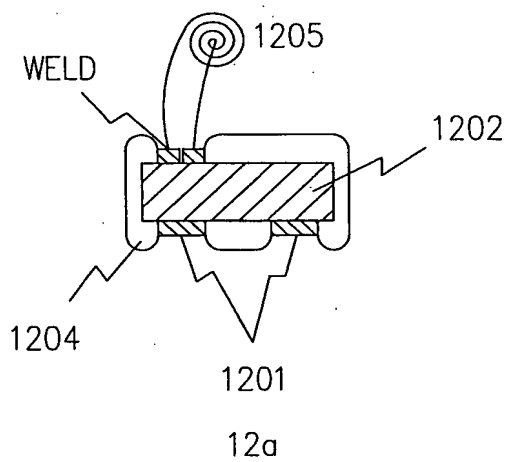


FIGURE 12
COIL AND WIRE ATTACHMENT TO SUBSTRATES AT ELECTRODE

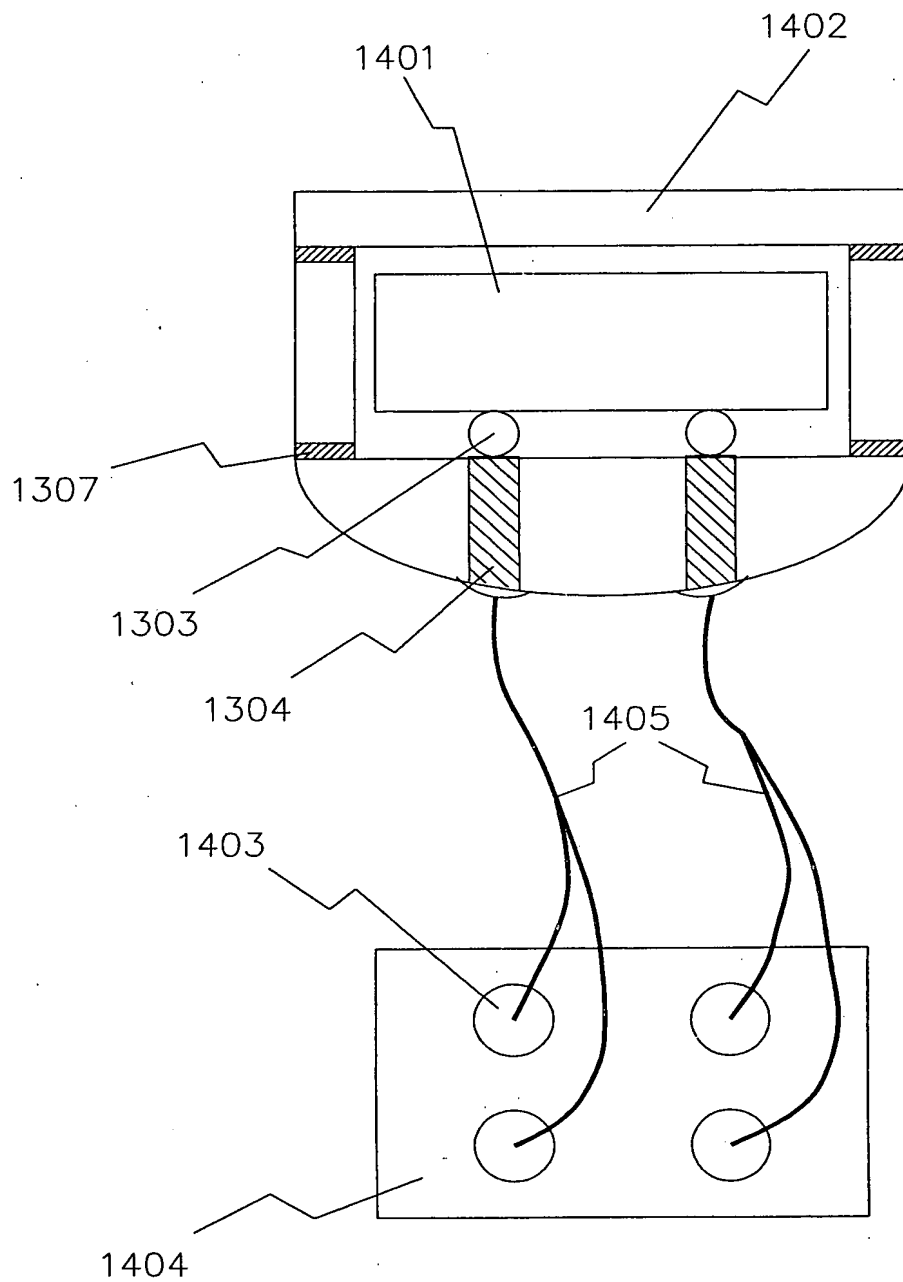


FIGURE 14

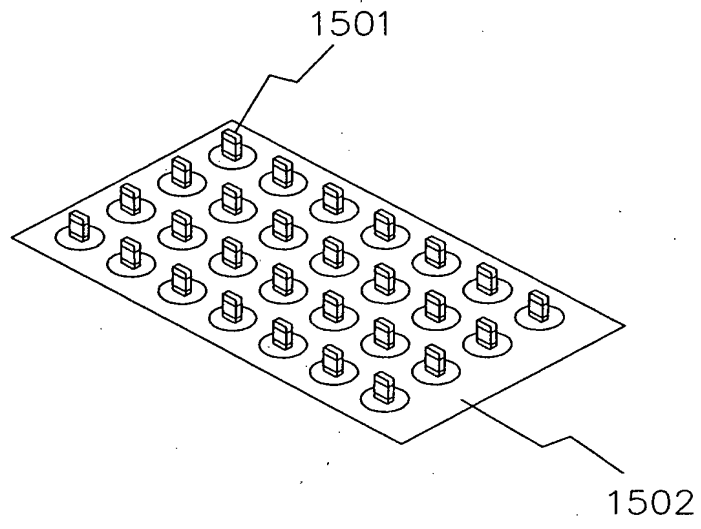


FIGURE 15

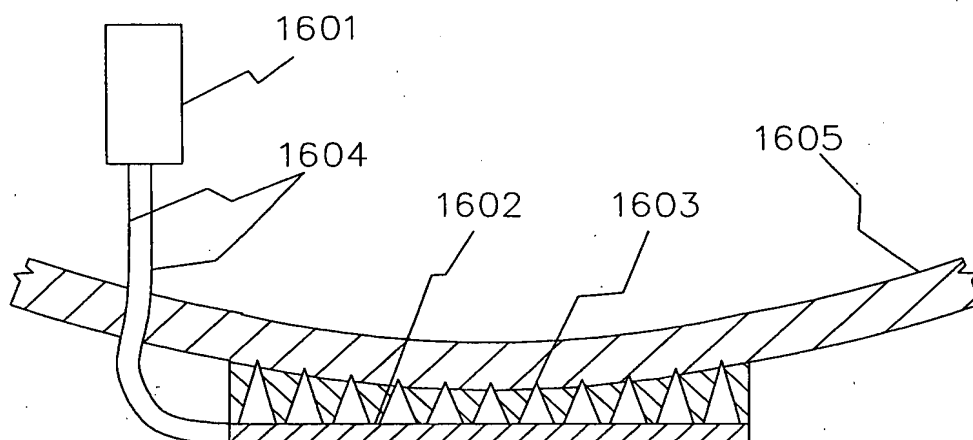


FIGURE 16a

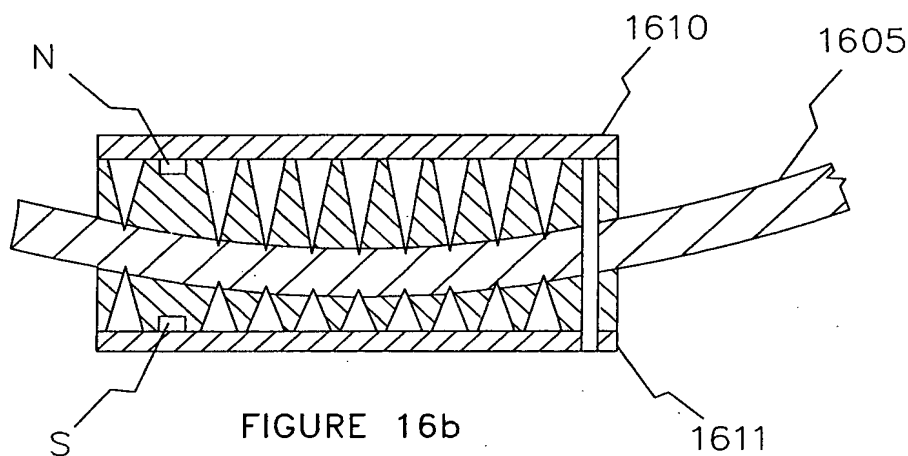


FIGURE 16b

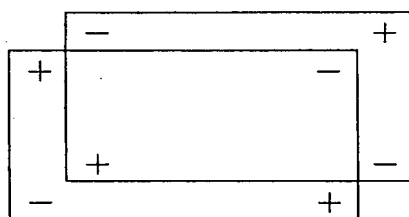


FIGURE 16c

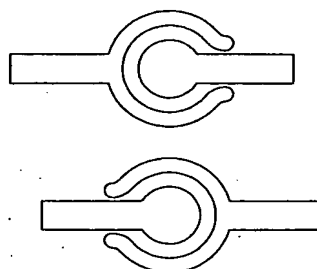


FIGURE 16d

PC PROGRAMMER

MAIN SCREEN

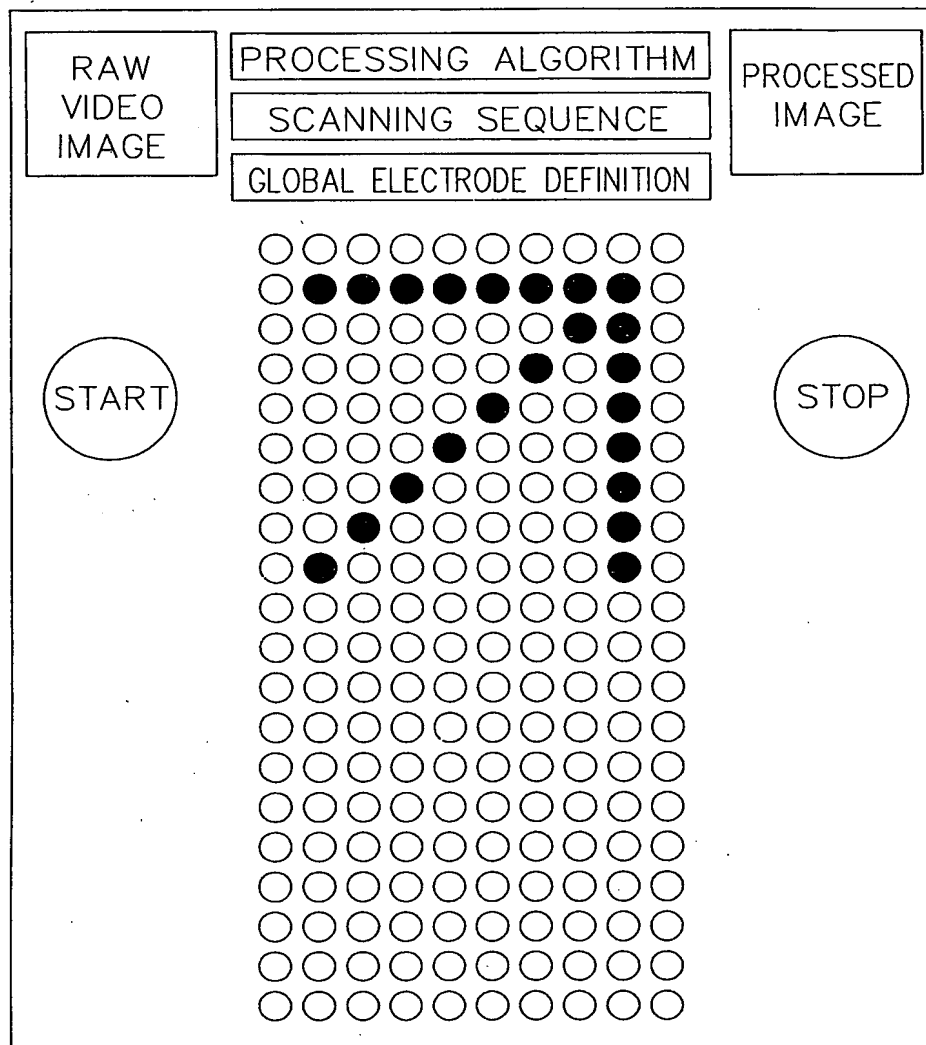
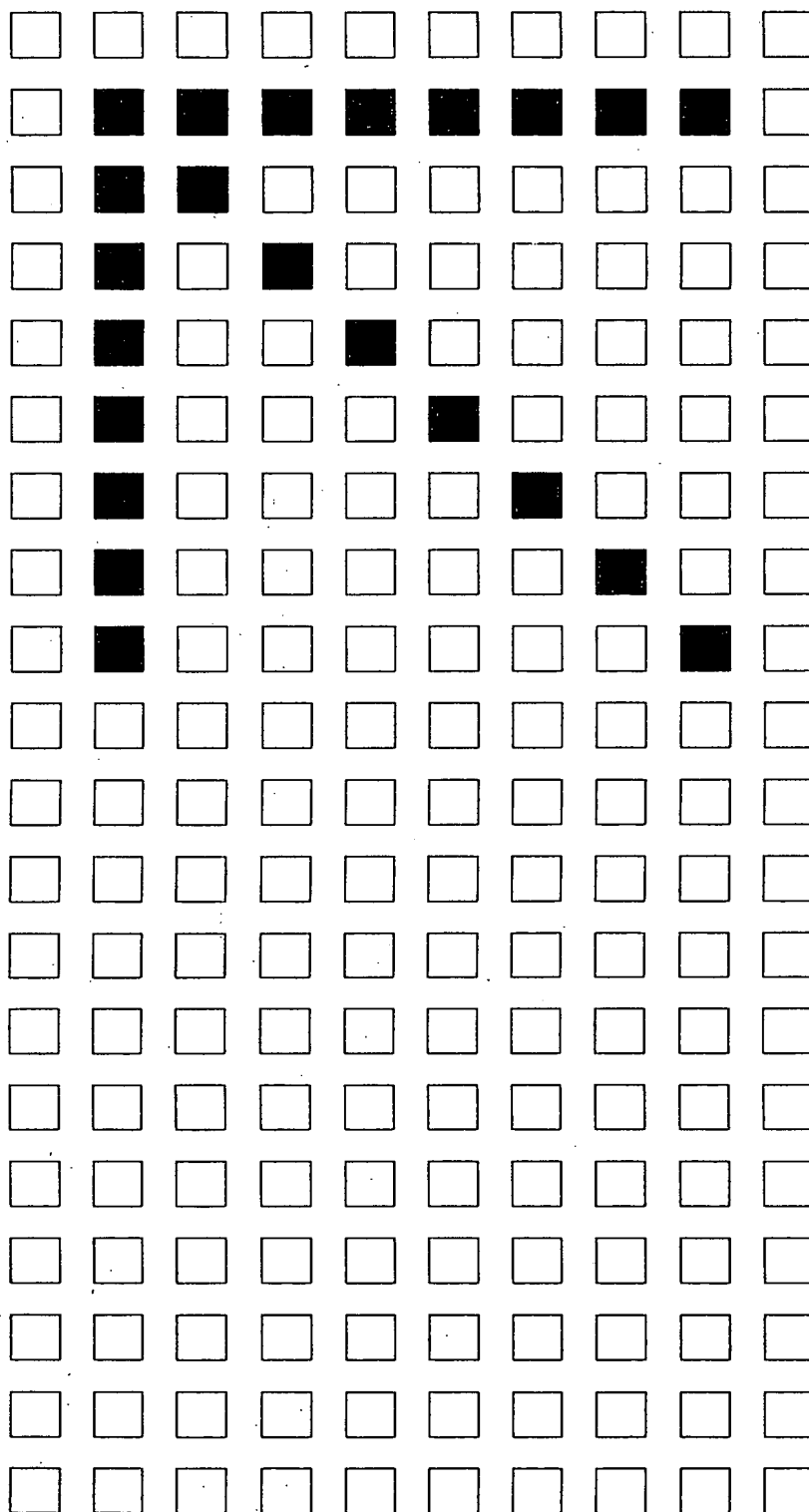


FIGURE 17a

PROCESSING ALGORITHM

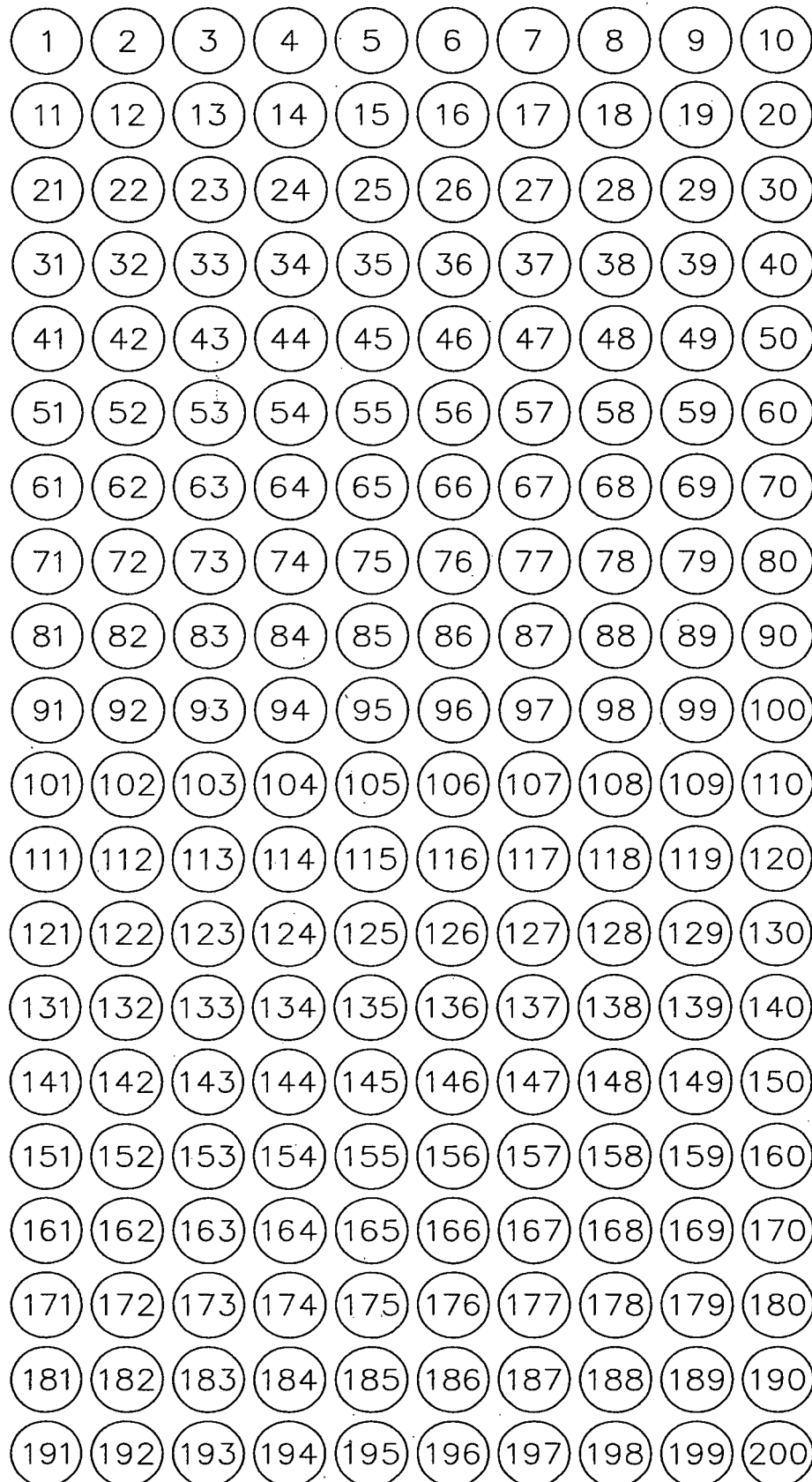
PIXEL SELECTION



AVERAGE 8 SURROUNDING PIXELS

FIGURE 17b

SCANNING SEQUENCE



PREDEFINED SEQUENCE A

FIGURE 17c

ELECTRODE PARAMETERS

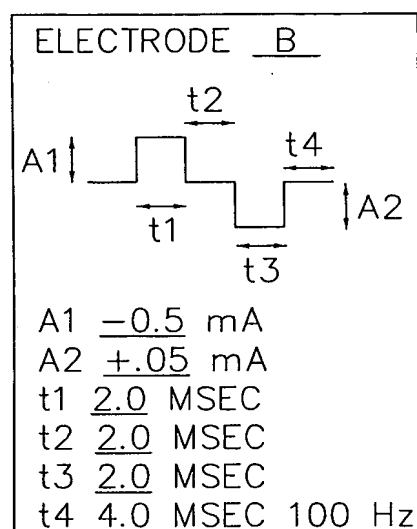


FIGURE 17d

GLOBAL ELECTRODE CONFIGURATION

☐ MONOPOLAR

☐ BIPOLAR

☐ MULTIPOLAR

FIGURE 17e

BIPOLAR

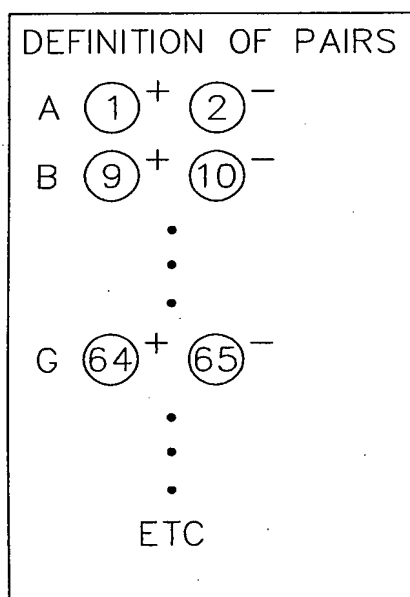


FIGURE 17f

MULTIPOLAR

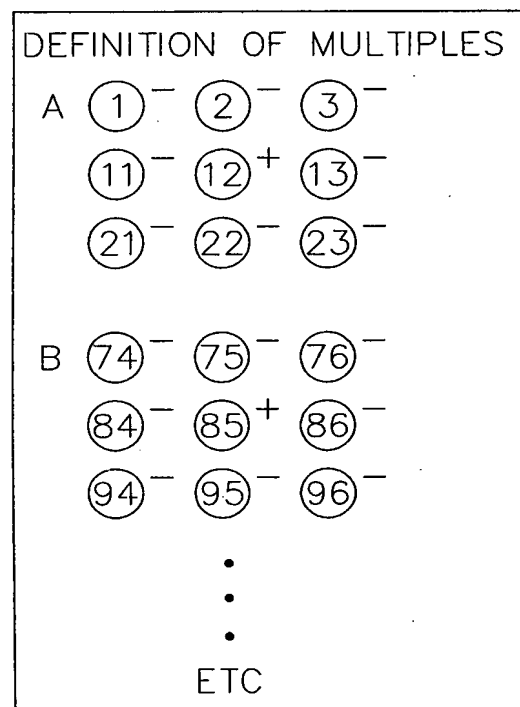


FIGURE 17g

PALM-SIZED TEST UNIT

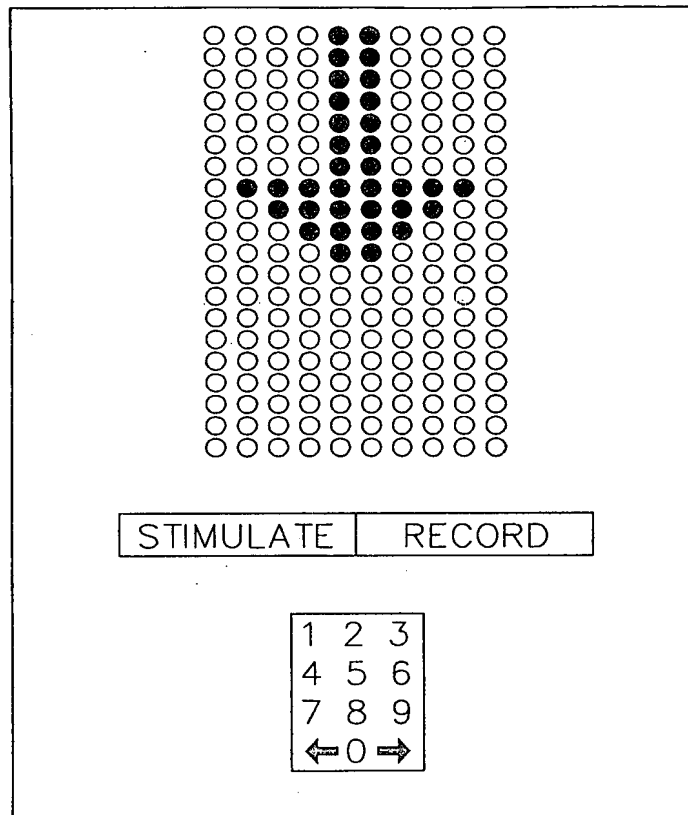


FIGURE 18a

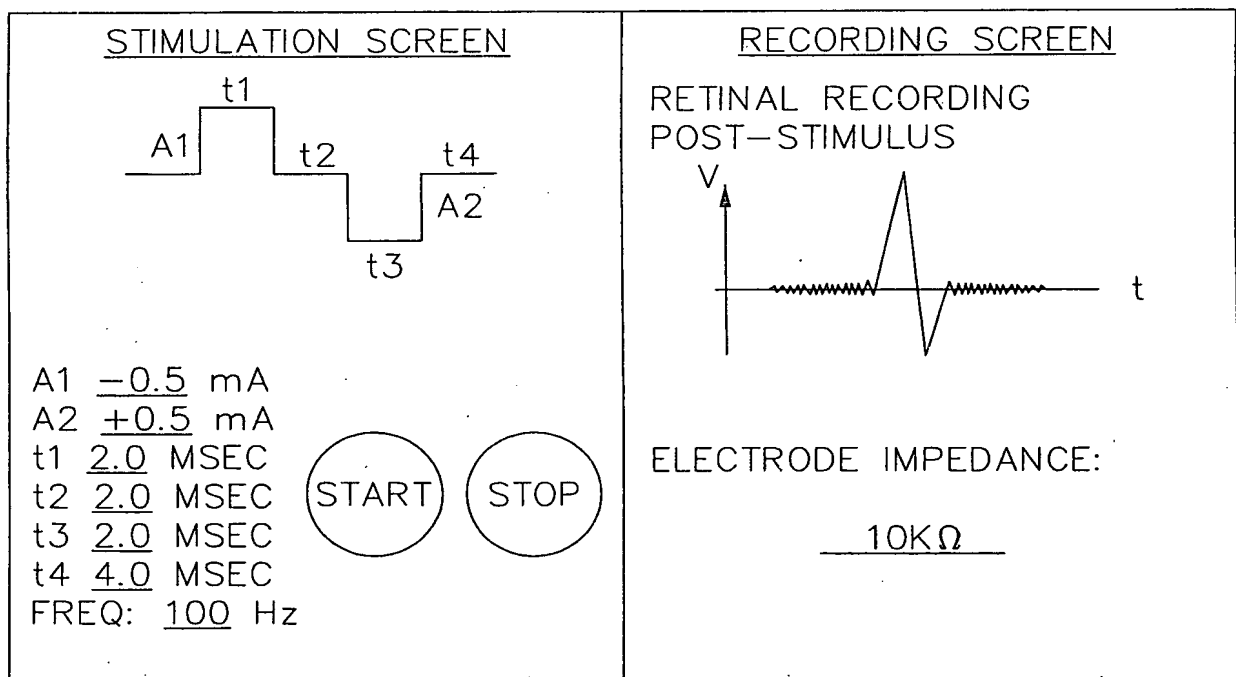


FIGURE 18b

FIGURE 18c

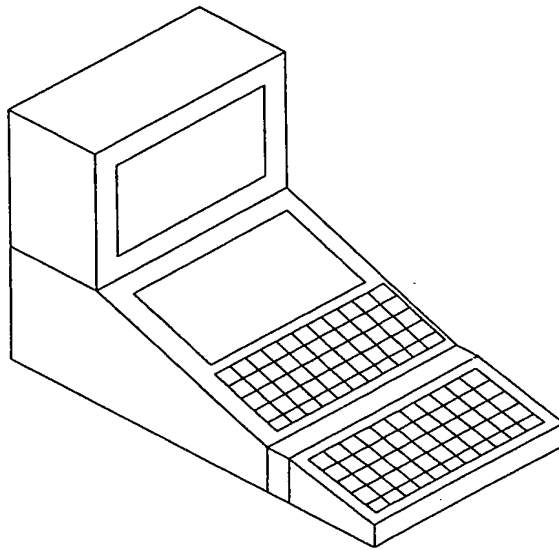


FIGURE 19a

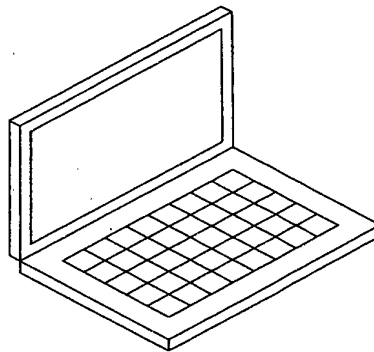


FIGURE 19b

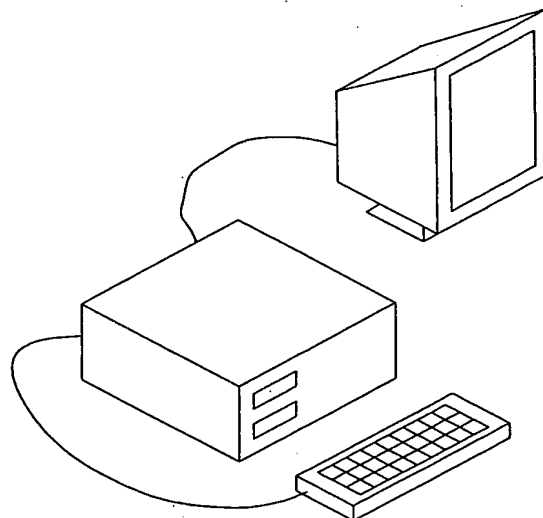


FIGURE 19c

PATIENT CONTROLLER

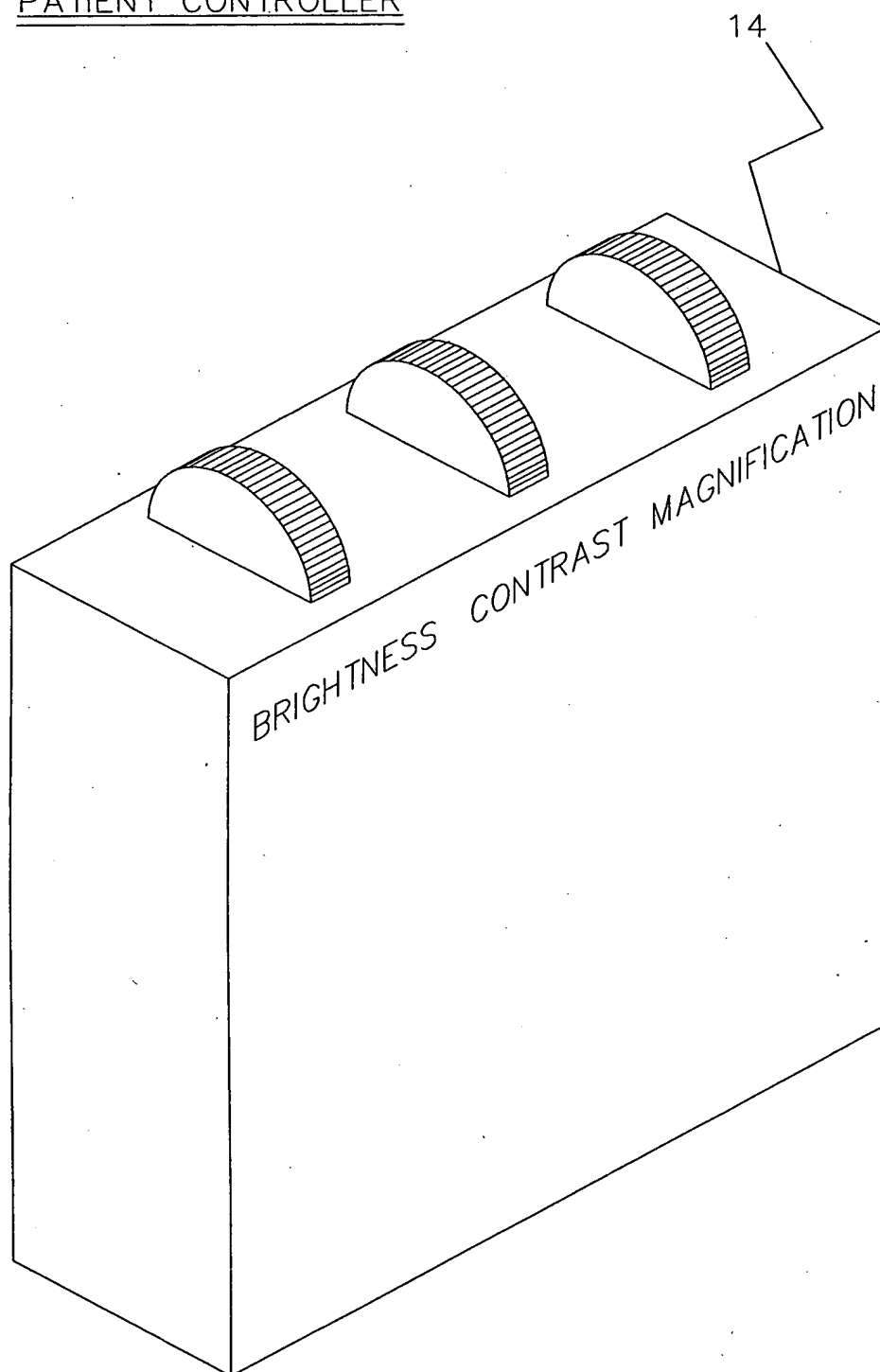


FIGURE 20